

## POROUS FILMS AND METHOD OF MAKING THE SAME

### ABSTRACT OF THE DISCLOSURE

5 A method for making a porous film includes the steps of forming a cermet film and/or a ceramic film by depositing or co-depositing suitable materials on a substrate, and causing metal in the material(s) to reduce and/or to diffuse to the cermet film surface and/or the ceramic film surface to render the porous film.